

Title (en)

OMNISTEREO CAPTURE AND RENDER OF PANORAMIC VIRTUAL REALITY CONTENT

Title (de)

OMNISTEREO-ERFASSUNG UND RENDERING VON PANORAMISCHEM INHALT DER VIRTUELLEN REALITÄT

Title (fr)

CAPTURE ET RENDU EN OMNISTÉRÉO D'UN CONTENU DE RÉALITÉ VIRTUELLE PANORAMIQUE

Publication

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Application

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Abstract (en)

[origin: WO2016191464A1] Systems and methods are described include defining, at a computing device, a set of images based on captured images, projecting, at the computing device, a portion of the set of images from a planar perspective image plane onto a spherical image plane by recasting a plurality of viewing rays associated with the portion of the set of images from a plurality of viewpoints arranged around a curved path to a viewpoint, determining, at the computing device, a periphery boundary corresponding to the viewpoint and generating updated images by removing pixels that are outside of the periphery boundary, and providing, for display, the updated images within the bounds of the periphery boundary.

IPC 8 full level

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